

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 74203 | ((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((shift\$4 scan output\$4) near2 register))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 14:02 |
| L2    | 74401 | ((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((shift\$4 scan scanning output\$4) near2 register))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 10:21 |
| L3    | 51041 | ((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) with ((shift\$4 scan scanning output\$4) near2 register))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 10:22 |
| L4    | 14862 | ((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan ) near2 register) and (output near2 register)))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 10:25 |
| L5    | 562   | ((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan ) near2 register) and (output near2 register))) same feedback  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 13:31 |
| L6    | 61    | (((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan ) near2 register) and (output near2 register))) same feedback) and ((test testing tester tested) with memory) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 13:31 |
| L7    | 8     | ((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan ) near2 register) and (output near2 register))) and ((BISR (self adj repair)) with memory)                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 13:36 |
| L8    | 18    | ((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) and (((shift scan ) near2 register) and (output near2 register))) and ((BISR (self adj repair)) with memory)                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/11 13:42 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L9  | 10    | I8 not I7  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/11 13:41 |
| L10 | 42    | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) and (((shift scan ) near2 register) and output)) and ((BISR (self adj repair)) with memory) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/11 13:42 |
| L11 | 24    | I10 not I8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/11 13:53 |
| L12 | 18    | (britt harris).xa. and "714"/\$.ccor. and (parallel near2 (test testing))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/11 13:56 |
| L13 | 62    | (britt harris).xa. and "714"/\$.ccor. and parallel not whsel.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/11 14:01 |
| L14 | 609   | parallel with mux with output  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/11 14:02 |
| L16 | 34    | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) and output and parallel and (test testing tester) and register and strobe).clm.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/11 14:03 |
| S1  | 55977 | memory with (test testing tester tested)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 16:59 |
| S2  | 22252 | (memory with (test testing tester tested)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 11:18 |

## EAST Search History

|    |        |   |   |    |    |                  |
|----|--------|---|---|----|----|------------------|
| S3 | 6371   | memory with (test testing tester tested) and feedback   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 11:22 |
| S4 | 751    | memory with (test testing tester tested) and (feedback near3 path)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 11:23 |
| S5 | 949    | memory with (test testing tester tested) and (feedback with path)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 10:58 |
| S6 | 0      | memory with (test testing tester tested) and (feedback with path) and BISR  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 11:32 |
| S7 | 104    | memory with (test testing tester tested) and (feedback with path) and repair  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 13:59 |
| S8 | 100372 | bit near3 (latch capacity storage register)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 11:37 |
| S9 | 482    | (memory with (test testing tester tested) and (feedback with path)) and (bit near3 (latch capacity storage register)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 13:35 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S10 | 50  | ("6667917" "6067262" "5956350"<br>"6367042" "6651202" "5920515"<br>"6560740" "6304989" "5987632"<br>"5909404" "6425103" "6505308"<br>"4918378" "5006787" "6300769"<br>"6505313" "6640321" "6373758"<br>"5675545" "6065134" "6249893"<br>"5862151" "5982681" "5425035"<br>"5577050" "5258986" "5761215"<br>"6185709" "5748543" "6085334"<br>"6408401" "6691252" "6718496"<br>"5968192" "6044481" "5471482"<br>"5936876" "6018484" "6185138"<br>"6151692" "6167544" "6510530"<br>"6249889" "5825785" "5668947"<br>"5724367" "5784382" "6341092"<br>"6388930" "5640509").pn. | USPAT   | OR | ON | 2004/05/26 12:08 |
| S11 | 2   | "6691937".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 11:44 |
| S12 | 3   | flare adj register  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 12:17 |
| S13 | 11  | flare near3 register  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 19:36 |
| S14 | 37  | flare with register   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 12:19 |
| S15 | 3   | flare with register and bisr  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 17:28 |
| S16 | 164 | (scan adj (latch path chain)) with feedback   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 12:43 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S17 | 1    | ((scan adj (latch path chain)) with feedback) and (( "6667917" "6067262" "5956350" "6367042" "6651202" "5920515" "6560740" "6304989" "5987632" "5909404" "6425103" "6505308" "4918378" "5006787" "6300769" "6505313" "6640321" "6373758" "5675545" "6065134" "6249893" "5862151" "5982681" "5425035" "5577050" "5258986" "5761215" "6185709" "5748543" "6085334" "6408401" "6691252" "6718496" "5968192" "6044481" "5471482" "5936876" "6018484" "6185138" "6151692" "6167544" "6510530" "6249889" "5825785" "5668947" "5724367" "5784382" "6341092" "6388930" "5640509").pn. ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 12:25 |
| S18 | 138  | (scan adj (path chain)) with feedback   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 13:57 |
| S19 | 2    | re\$load with (scan adj (path chain))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 14:42 |
| S20 | 44   | memory with (test testing tester tested) and (feedback with path) and repair and scan   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 14:04 |
| S21 | 50   | memory with (test testing tester tested) and ((feedback) same scan) and repair  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 14:05 |
| S22 | 99   | re\$load with scan  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 14:42 |
| S23 | 2475 | linear adj feedback adj shift adj register  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/26 17:29 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S24 | 15202 | parallel near2 load  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 17:29 |
| S25 | 84    | (linear adj feedback adj shift adj register) and (parallel near2 load) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 19:13 |
| S26 | 329   | zerbe.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 19:14 |
| S27 | 35    | zerbe.in. and jared.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 19:14 |
| S28 | 3     | PURI.in. and MUKESH.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/26 19:36 |
| S29 | 53146 | select near2 output  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/15 09:18 |
| S30 | 2357  | (select near2 output) and "714"/\$.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/15 09:18 |
| S31 | 143   | (select near2 output) and 714/718.ccls.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 10:58 |
| S32 | 59320 | memory with (test testing tested tester)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/15 09:34 |
| S33 | 3138  | (select near2 output) and (memory with (test testing tested tester))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/15 09:34 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S34 | 1836    | (select near2 output) and (memory with (test testing tested tester)) and (MUX multiplexer multiplexor)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/15 09:35 |
| S35 | 1683    | (select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/15 09:35 |
| S36 | 1096    | (select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/15 09:36 |
| S37 | 1058    | (select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift and (sequence order)                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/15 09:37 |
| S38 | 851     | (select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift and (sequence order) and (return feedback)              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/15 10:37 |
| S39 | 824     | (select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift and (sequence order) and (return feedback) and register | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/15 10:39 |
| S40 | 171     | (select near2 output) and 714/718. ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 10:58 |
| S41 | 5646057 | (select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 13:38 |
| S42 | 147000  | (select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) with register  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 13:40 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S43 | 71681 | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 13:41 |
| S44 | 5281  | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 13:42 |
| S45 | 5289  | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 13:44 |
| S46 | 1824  | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and feedback  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 14:06 |
| S47 | 1356  | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 14:07 |
| S48 | 506   | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output) and (serial\$3 near3 (shift scan))               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 14:08 |
| S49 | 308   | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output) and ((serial\$3 near3 (shift scan)) with output) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 17:27 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S50 | 1   | whetsel.in. and harris.xa.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 17:06 |
| S51 | 30  | "806244"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 17:07 |
| S52 | 800 | (compress compression compressed signature) with (compare compared comparison comparing) with (expect\$4 expected expectation)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 17:09 |
| S53 | 302 | S52 and "714"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 17:10 |
| S54 | 291 | S52 and "714"/\$.ccls. and (test testing tested tester)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 17:10 |
| S55 | 102 | S52 and "714"/\$.ccls. and (test testing tested tester) and (detect detecting detection detector) and (correct correction corrected correcting)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 17:11 |
| S56 | 32  | ((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output) and ((serial\$3 near3 (shift scan)) with output) and ((feedback same output) same ((serial\$3 near3 (shift scan)) with output)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 17:28 |